



\$

Certificate of Mailing Under 37 CFT § 1.8

I hereby certify that this correspondence and documents referred to herein
(**Declaration & Drawings**) were deposited with the United States Postal Service
addressed to:

MS Missing Parts
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

on the date shown below:

Date of Deposit: 12 Jan 04

Person Making Deposit: Michael M. Morris

Signature: Michael M. Morris

Application Serial No. -10/661,401 - SD-8476

For Applicant(s): Harnett



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FREE TRANSMITTAL FOR FY 2004 <small>Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</small>	Complete if Known		
	Application Number	10/661,401	
	Filing Date	September 11, 2003	
	First Named Inventor	Harnett	
	Examiner Name	NOT ASSIGNED	
	Group / Art Unit	NOT ASSIGNED	
TOTAL AMOUNT OF PAYMENT	(\$1,432.00)	Attorney Docket No.	SD-8476

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)							
<p>The Commissioner is hereby authorized to charge</p> <p>1. <input checked="" type="checkbox"/> Indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 50-0583</p> <p>Deposit Account Name: SNL BY KCO</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		3. ADDITIONAL FEES							
FEE CALCULATION									
1. BASIC FILING FEE									
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid				
1001	770	2001	370	Utility filing fee	770.				
1002	340	2002	170	Design filing fee					
1003	530	2003	265	Plant filing fee					
1004	770	2004	385	Reissue filing fee					
1005	160	2005	80	Provisional filing fee					
SUBTOTAL (1)					\$770.00				
2. EXTRA CLAIM FEES									
Total Claims 40		-20**= 20		X 18.	= 360.				
Independent Claims 5		-3**= 2		X 86.	= 172.				
Multiple Dependent		-0-		= -0-					
**or number previously paid, if greater; For Reissues, see below.									
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid				
1201	84	2202	42	Independent claims in excess of 3					
1202	18	2201	9	Claims in excess of 20					
1203	280	204	140	Multiple dependent claim, if not paid					
1204	84	2204	42	**Reissue independent claims over original patent					
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent					
SUBTOTAL (2)					(\$532.00)				
				3. ADDITIONAL FEES					
				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
				1051	130	2051	65	Surcharge - late filing fee or oath	130.00
				1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
				1053	130	1053	130	Non-English specification	
				1812	2,520	1812	2,520	For filing a request for reexamination	
				1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
				1805	1,840	1805	1,840	Requesting publication of SIR after Examiner	
				1251	110	2251	55	Extension for reply within first month	
				1252	420	2252	210	Extension for reply within second month	
				1253	950	2253	475	Extension for reply within third month	
				1254	1,480	2254	740	Extension for reply within fourth month	
				1255	2,010	2255	1,005	Extension for reply within fifth month	
				1401	330	2401	165	Notice of Appeal	
				1402	330	2402	165	Filing a brief in support of an appeal	
				1403	290	2403	145	Request for oral hearing	
				1451	1,510	138	1,510	Petition to institute a public use proceeding	
				1452	110	2452	55	Petition to revive - unavoidable	
				1453	1,330	2453	665	Petition to revive - unintentional	
				1501	1,330	2501	665	Utility issue fee (or reissue)	
				1502	460	2502	230	Design issue fee	
				1503	640	2503	320	Plant issue fee	
				1460	130	1460	130	Petitions to the Commissioner	
				1807	50	1807	50	Petitions related to provisional applications	
				1806	180	1806	180	Submission of Information Disclosure Stmt	
				8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
				1809	770	2809	385	Filing a submission after final refection (37 CFR 1.129(a))	
				1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
				Other fee (specify) _____					
				Other fee (specify) _____					
				*Reduced by Basic Filing Fee Paid					
				SUBTOTAL (3)					\$130.00-

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Timothy P. Evans	Reg. Number (Attorney/Agent)	41,013
Signature		Telephone	(925) 294-3690
		Date	1/8/2004
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038			
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.			

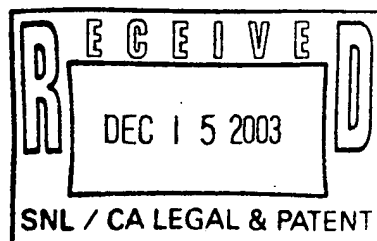


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/661,401	09/11/2003	Cindy K. Harnett	SD-8476

Timothy P. Evans
 MS 9031
 Sandia National Laboratories
 7011 East Avenue
 Livermore, CA 94550



CONFIRMATION NO. 6668

FORMALITIES LETTER



OC000000011437847

Date Mailed: 12/08/2003

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

01/16/2004 SZEWDIE1 00000020 500583 10661401

FILED UNDER 37 CFR 1.53(b)

01 FC:1001 770.00 DA
 02 FC:1051 130.00 DA
 03 FC:1201 172.00 DA
 04 FC:1202 360.00 DA

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1)); See Figure(s) 6.

The applicant needs to satisfy supplemental fees problems indicated below.

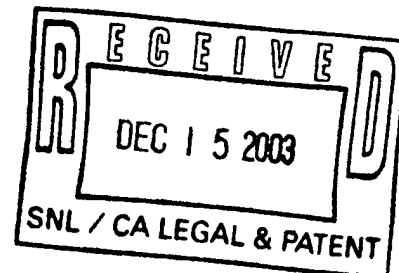
The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$532** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$1432** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$532**
 - **\$172** for **2** independent claims over 3.
 - **\$360** for **20** total claims over 20.



Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

A handwritten signature in black ink, appearing to be "NJ" or similar, written over a horizontal line.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE